



NOAA Restoration Center

Morro Bay National Estuary Riparian Restoration

Project Description

In-stream and bank protection techniques will be used to stabilize and enhance habitat at sites on Los Osos Creek and Chorro Creek. The sites will serve as demonstration projects where a base of community and student volunteers will work together to stabilize 1500 feet of stream channel. The project was funded by both the EPA 5 Star Program and the FishAmerica Foundation.

Project Nickname Morro Bay Nat. Est (EPA-00/FAF-00)
Location Morro Bay, Los Osos, San Luis Obispo County, CA, 93412 SWR
Program Community-based Restoration **Congressional District** CA 22
Lat, Long Coordinates -120.667, 35.333 **Land Ownership**
Implementation Start Date 01-JUL-00 **Implementation End Date** 01-JUN-01
River Basin Los Osos Creek, Chorro Creek **HUC** 18060006
Geographic Identifier Morro Bay National Estuary **USGS Topo Quad** Morro Bay South, CA
Project Status Implementation Complete **Project Type** Restoration
Project Status Description implementation complete

Landmark

Number of Volunteers

Volunteer Description

Proposed Project? **Project Closed?** Y **FY Completed** 2001

Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/Animals
stream/river channel			1.7				

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	Central California Coast	Threatened	animal

Partners

Americorps
California Conservation Corps
San Luis Obispo Conservation District
Steelhead Coalition of the Central Coast
US Fish and Wildlife Service

Restoration Techniques

streambank stabilization
in-stream placement of large woody debris/ structure
riparian planting

Contacts

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NOAA

NOAA Involvement

source of funding

Monitoring Information

Characteristic
Additional Info

Type

Funding Information

Funding Mechanism	FY Awarded	NOAA Contribution	Partnership Contribution	Total Partnership Contribution
Fish America Foundation	2000	\$4,900	\$4,900	\$9,800
National Fish and Wildlife Foundation - Five Star	2000	\$7,479	\$7,479	\$14,958
TOTALS		\$12,379	\$12,379	\$24,758

Other Non-Federal \$ **Other Federal \$** **Total Project Cost**

Funding Recipient Morro Estuary Greenbelt Alliance

Funding Comments

Project Abstract

The NOAA Community-based Restoration Program partnered with the National Fish and Wildlife Foundation - 5 Star Program to fund the Morro Bay National Estuary Steelhead Habitat Restoration Project. The project, awarded to the Morro Estuary Greenbelt Alliance, used in-stream and bank protection techniques to stabilize and enhance habitat at sites on Los Osos Creek and Chorro Creek. This work, completed in the winter of 2001, included installation of rootwad/rock/log structures, willow cuttings, brush mattresses, and riparian plantings. This project will improve bank erosion, degradation and loss of deep pools along 1500 feet of streambank (approximately 1.7 acres) of Los Osos Creek and at sites along a 3400 foot-stretch of Chorro Creek. Both Los Osos and Chorro Creeks support threatened South-Central California Coast Steelhead. These creeks drain into Morro Bay, which is located approximately 150 miles north of Los Angeles.

The work was done with the help of community and student volunteers, and monitoring will be conducted by the Coastal San Luis Resource Conservation District. Furthermore, outreach and education associated with this project will include landowner contact and site tours, educational events with local schools organized through the AmeriCorps Youth Environmental Education Program, and development of habitat restoration brochures. Other partners on this project included California Conservation Corps, Funk River Consultants, and the United States Fish and Wildlife Service.